

Code No. 18277

**Anti-Rat
GRO/CINC-2 α , 2 β (N) Rabbit IgG Affinity Purify**Volume : 100 μ g

Introduction : Growth Related Oncogene (GRO) /Cytokine-induced neutrophil chemo attractant 1 (CINC-1) was originally purified from media conditioned by IL-1 β stimulated rat kidney epithelioid cells (NRK-52E). Amino acid sequence that encodes for rat CINC-1 was identified in 1989 by Watanabe's group at Toyama Medical and Pharmaceutical University. CINC-1 is a member of the alpha (CXC) subfamily of chemokines. Three additional rat CXC chemokines (CINC-2 α , CINC-2 β , CINC-3/MIP-2) have been identified. The protein sequence of CINC-1 is 63 - 67% identical to that of CINC-2 α , CINC-2 β , CINC-3/MIP-2. In addition, GRO α , GRO β and GRO γ is sharing 68%, 71% and 69%, identity with CINC-1. This has been suggested that CINC-1 is the rat counterpart of human GROs.

Antigen : Synthetic peptides of the common N-terminal part of rat GRO/CINC-2 α and GRO/CINC-2 β

Purification : Purified with antigen peptide

Form : Lyophilized product in PBS

How to use : 1.0 mL deionized water will be added to the product (the conc. comes up 100 μ g /mL)

Stability : Lyophilized product, 5 years at 2 – 8 $^{\circ}$ C
: Solution, 2 years at –20 $^{\circ}$ C

Application : This antibody can be used for western blotting in concentration of 2 - 5 μ g /mL.

Specificity : Reacts with rat GRO/CINC-2 α , -2 β .
Not cross-react with rat GRO/CINC-1, -3.